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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/617,378	07/11/2003	Chien Yee Chiang	BHT-3092-373	2239

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BRUCE H. TROXELL
SUITE 1404
5205 LEESBURG PIKE
FALLS CHURCH, VA 22041

EXAMINER

NGUYEN, CHAU N

ART UNIT	PAPER NUMBER
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2831

DATE MAILED: 11/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/617,378

Applicant(s)

CHIANG, CHIEN YEE

Examiner

Chau N Nguyen

Art Unit

2831

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☒ Claim(s) 7 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1 and 4 are rejected under 35 U.S.C. 102(b) as being anticipated by Matsui (4,825,185).

Matsui discloses a filter comprising an electrically insulative hollow cylindrical casing (Figs 4-6), the casing comprising two symmetric half shells, flexible hinge means connected between the half shells, and a fastening device formed in the half shells and adapted to lock the half shells to each other in a closed status, the half shells each having two end walls and a locating device (40), each end wall having a notch for the passing of an electric wire, and two magnetic core members mounted inside the casing and abutted against each other and adapted to hold an electric wire in therebetween, the magnetic core members each having a longitudinal extended recessed portion located on an inside wall thereof and adapted to accommodate an electric wire and a locating device (24) for

receiving the locating devices of the half shells of the casing (re claim 1). Matsui also discloses the locating device of each half shell being comprised of at least one locating rib (40), the locating device of each core member being comprised of at least one locating groove (24) (re claim 4).

3. Claims 1, 2 and 6 are rejected under 35 U.S.C. 102(b) as being anticipated by Watanabe et al. (5,920,250).

Watanabe et al. discloses a filter comprising an electrically insulative hollow cylindrical casing (Figure 1), the casing comprising two symmetric half shells, flexible hinge means connected between the half shells, and a fastening device formed in the half shells and adapted to lock the half shells to each other in a closed status, the half shells each having two end walls and a locating device (191, 192), each end wall having a notch for the passing of an electric wire, and two magnetic core members mounted inside the casing and abutted against each other and adapted to hold an electric wire in therebetween, the magnetic core members each having a longitudinal extended recessed portion located on an inside wall thereof and adapted to accommodate an electric wire and a locating device (214, 224) for receiving the locating devices of the half shells of the casing (re claim 1). Watanabe et al. also discloses the half shells and the core members having

semicircular cross-section (re claim 2), and the locating device of each half shell being comprised of two transverse ribs (191, 192) transversely formed in the respective end walls at an inner side, the locating device of each core member being comprised of two transverse grooves (214, 224) respectively formed in two distal ends thereof (re claim 6).

4. Claims 1, 3 and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Igarashi et al. (5,486,803).

Igarashi et al. discloses a filter comprising an electrically insulative hollow cylindrical casing (Figure 27B), the casing comprising two symmetric half shells, flexible hinge means connected between the half shells, and a fastening device formed in the half shells and adapted to lock the half shells to each other in a closed status, the half shells each having two end walls and a locating device (10a, 10b), each end wall having a notch for the passing of an electric wire, and two magnetic core members mounted inside the casing and abutted against each other and adapted to hold an electric wire in therebetween, the magnetic core members each having a longitudinal extended recessed portion located on an inside wall thereof and adapted to accommodate an electric wire and a locating device (12) for receiving the locating devices of the half shells of the casing (re claim 1). Igarashi

et al. also discloses the fastening device comprising a plurality of female fastening elements (7b) formed in one of the half shells and a plurality of male fastening elements (7a) formed in the other half shells (re claim 3), the locating device of each half shell comprising a longitudinal rib (10a, 10b) formed in an inside wall thereof between the respective two end walls, and the locating device of each core member comprising a longitudinal groove (12) formed in a peripheral wall thereof (re claim 5).

Allowable Subject Matter

5. Claim 7 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Cited Art

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Morita et al. and Kuo disclose filters for cables.

Communication

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chau N Nguyen whose telephone number is 571-272-1980. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on 571-272-2800 ext 31. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Chau N Nguyen
Primary Examiner